

Serial No. 10/047,581

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1-14. (Cancelled)

15. (Currently Amended) A valve for implantation at a desired location within a mammal, comprising:

a flexible sleeve having a proximal end, ~~and a distal end~~ and an outside surface;

at least one cusp configured to permit blood flow through the at least one cusp in a single direction;

at least one ring attached to the outside surface of the sleeve, the at least one ring being attached to a portion of the sleeve that is not everted; and

at least one fastener extending in a direction radially outward with respect to the sleeve.

16. (Previously Presented) The valve of claim 15, and the at least one cusp comprises three cusps attached to the sleeve, the three cusps configured to open to permit blood to flow through the distal end when subjected to blood flow through the sleeve from the proximal end to the distal end.

17. (Previously Presented) The valve of claim 16, wherein the three cusps are configured to open in a distal direction when subjected to blood flow through the sleeve from the proximal end to the distal end.

18. (Previously Presented) The valve of claim 16, wherein the three cusps are configured to close to prevent blood flow through the sleeve from the distal end to the proximal end.

19. (Previously Presented) The valve of claim 16, wherein the valve is configured to have an open position that permits blood to flow through the distal end when blood flows through the sleeve from the proximal end to the distal end and a closed position to prevent blood from flowing from the distal end to the proximal end of the sleeve.

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20. (Previously Presented) The valve of claim 19, wherein each of the three cusps has at least one side and each of the three cusps are configured to mate along the at least one side with a side of a cusp located adjacent to each of the three cusps when the valve is in the closed position.
21. (Previously Presented) The valve of claim 15, wherein the ring is attached to the sleeve at the proximal end.
22. (Cancelled)
23. (Previously Presented) The valve of claim 15, wherein the ring is compressible.
24. (Previously Presented) The valve of claim 15, wherein the ring is expandable from a first diameter to a larger, second diameter.
25. (Previously Presented) The valve of claim 15, wherein the at least one fastener is for attaching at least the sleeve at a desired location.
26. (Previously Presented) The valve of claim 25, wherein the at least one fastener comprise a series of legs arranged circumferentially about the ring.
27. (Previously Presented) The valve of claim 25, wherein the ring has a longitudinal axis and the at least one fastener comprises at least one mounting pin attached to the mounting ring, the mounting pin having two ends offset from one another in the longitudinal direction.
28. (Previously Presented) The valve of claim 27, wherein the two ends of the at least one mounting pin extend radially outward from the mounting ring.
29. (Previously Presented) The valve of claim 24, wherein the mounting ring is balloon expandable.

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30. (Previously Presented) The valve of claim 15, wherein the sleeve and cusp are formed of different materials.

31. (Previously Presented) The valve of claim 15, wherein the at least one cusp comprises one of a homogenic material, an allogenic material and a xenogenic material.

32. (Previously Presented) The valve of claim 15, wherein the at least one cusp comprises a synthetic material.

33-41 (Cancelled)

42. (Previously Presented) The valve device of claim 15, wherein the ring has a transport configuration for transporting the valve device to the desired location and a fasten configuration for fastening the valve device at the desired location, and comprising at least one fastener extending from the mounting ring in a direction radially outward with respect to the sleeve when the mounting ring is in the fasten position.

43. (Previously Presented) The valve device of claim 42, wherein the at least one fastener includes at least one leg having a sharpened distal end.

44. (Previously Presented) The valve device of claim 43, wherein the sharpened distal end is configured to pierce tissue when the valve device is in the fasten configuration at the desired location.